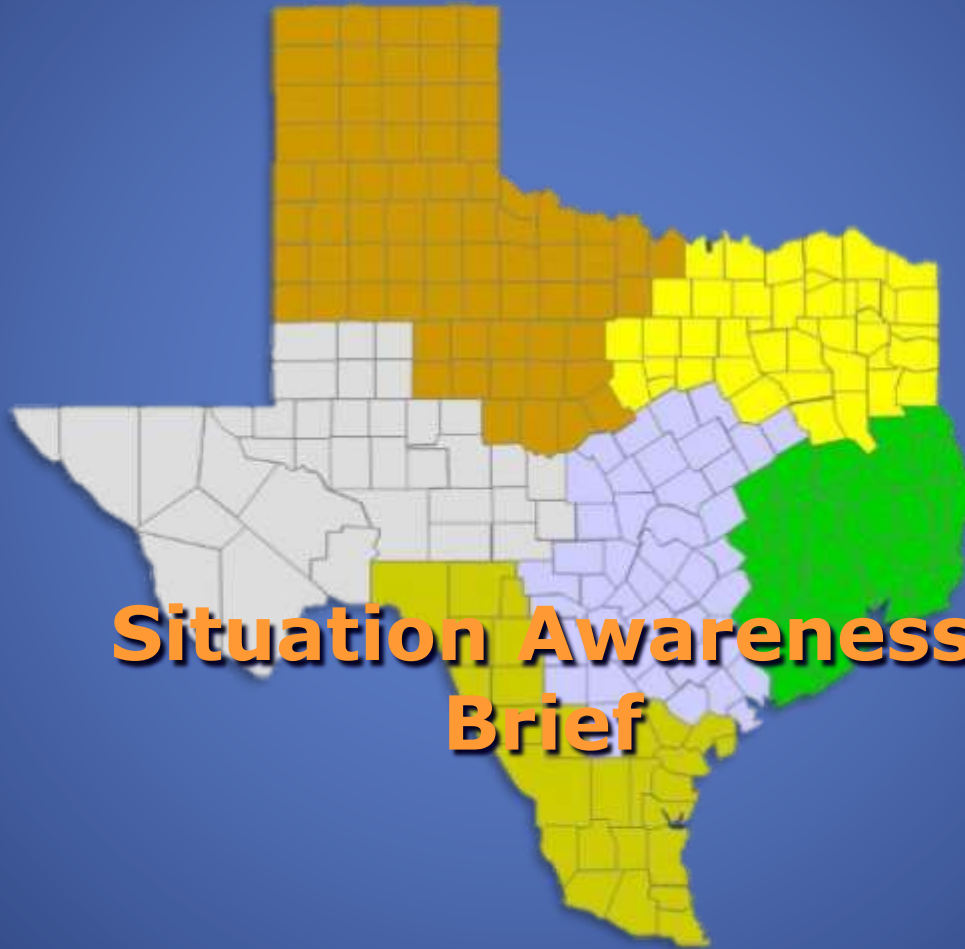


Texas Division of Emergency Management Texas State Operations Center



Situation Awareness Brief



**Saturday, March 13th, 2021
As of 0900 CST**

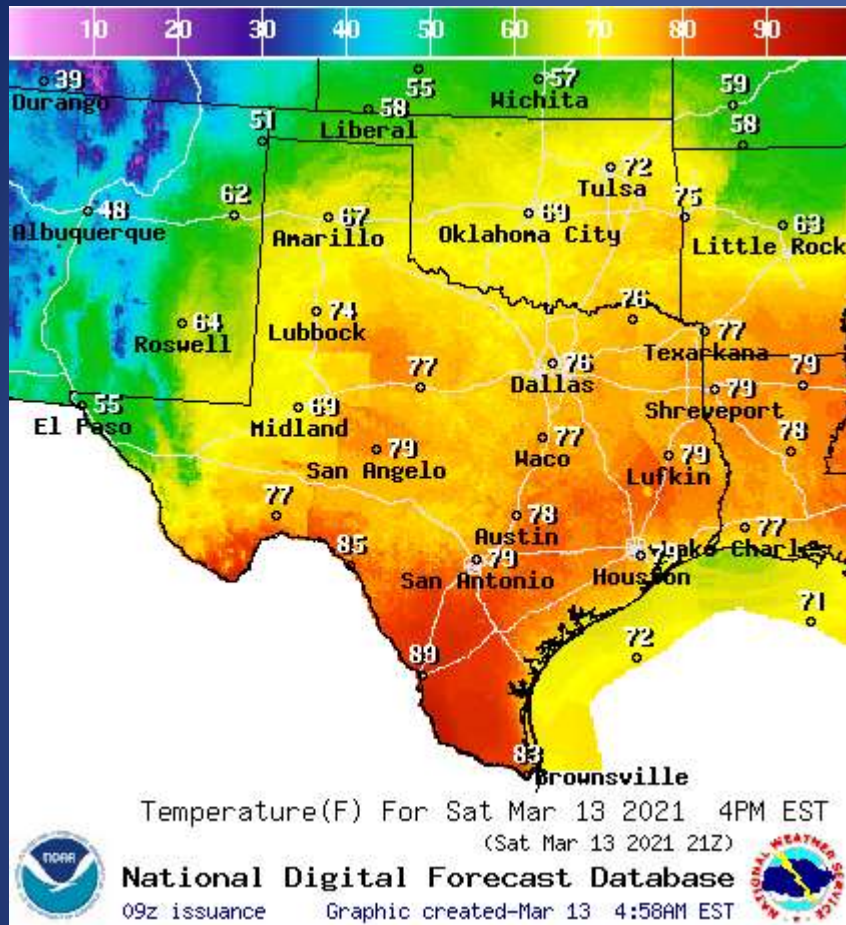
Incidents Reported to the State Operations Center (last 24 hours)

DATE	SUBJECT	LOCATION	Final Report (Y/N)
03/12/21	Initial Report of the Butterfly Fire	Brooks County	N
03/12/21	Update Report #1 of the Butterfly Fire	Brooks County	N
03/12/21	Preliminary Earthquake Report (M2.9)	Midland County	Y
03/13/21	Final Report of the Butterfly Fire	Brooks County	Y

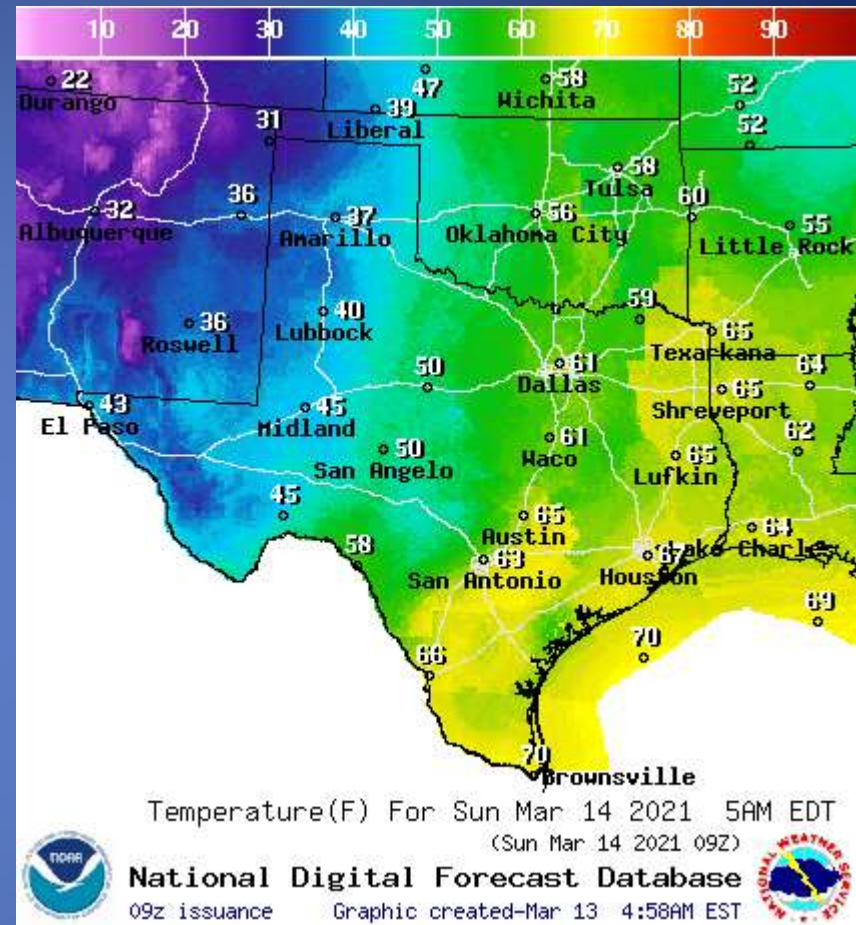
Informational Products Distributed by the State Operations Center

DATE	SUBJECT
03/12/21	NWS Amarillo: Weather Briefing - Severe Storms Through Saturday
03/12/21	FEMA REGION 6 WATCH DAILY SITUATIONAL AWARENESS REPORT
03/12/21	NWS Lubbock: Weather Briefing - Severe Weather/Fire Weather/ Weekend
03/12/21	NWS El Paso/Santa Teresa: Briefing for Strong Winds this Weekend
03/13/21	NWS El Paso, TX/Santa Teresa, NM: Public Information Statement - Peak Wind Gusts

Weather Forecast

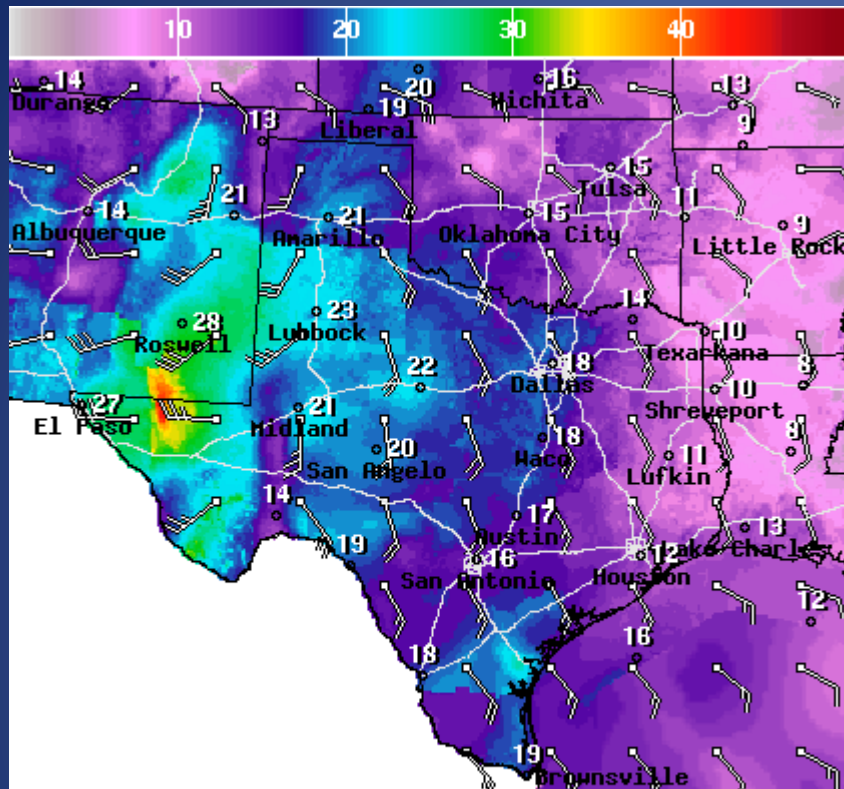


Highs



Lows

Weather Forecast



WindSpd(Kts) & WindDir For Sat Mar 13 2021 4PM EST

(Sat Mar 13 2021 21Z)



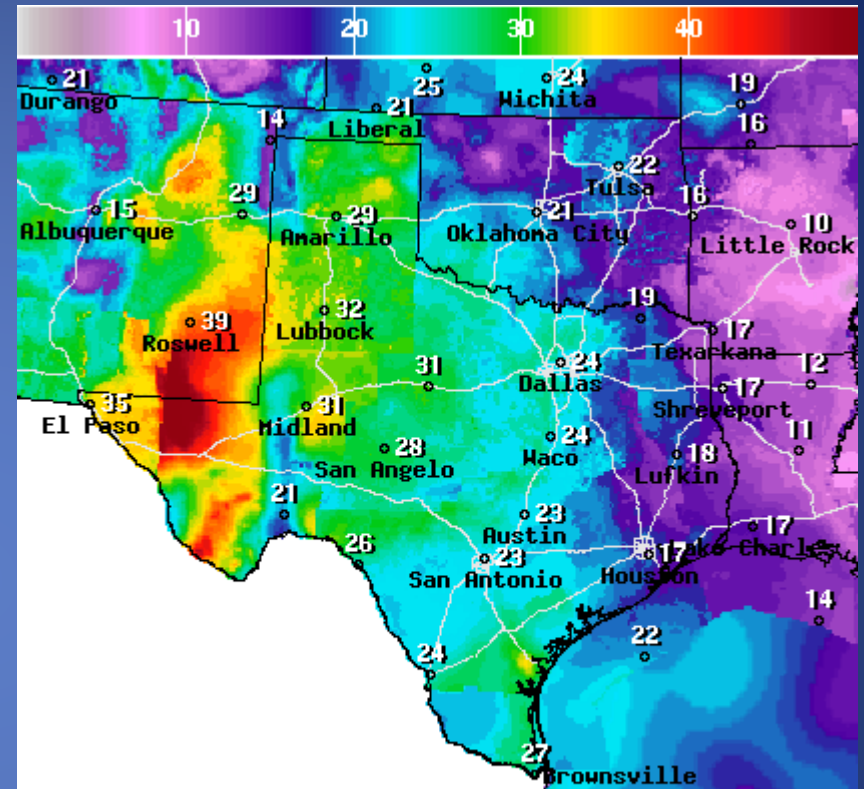
National Digital Forecast Database

10z issuance

Graphic created-Mar 13 6:14AM EST



Wind Speeds



Wind Gust(Kts) Sat Mar 13 2021 4PM EST

(Sat Mar 13 2021 21Z)



National Digital Forecast Database

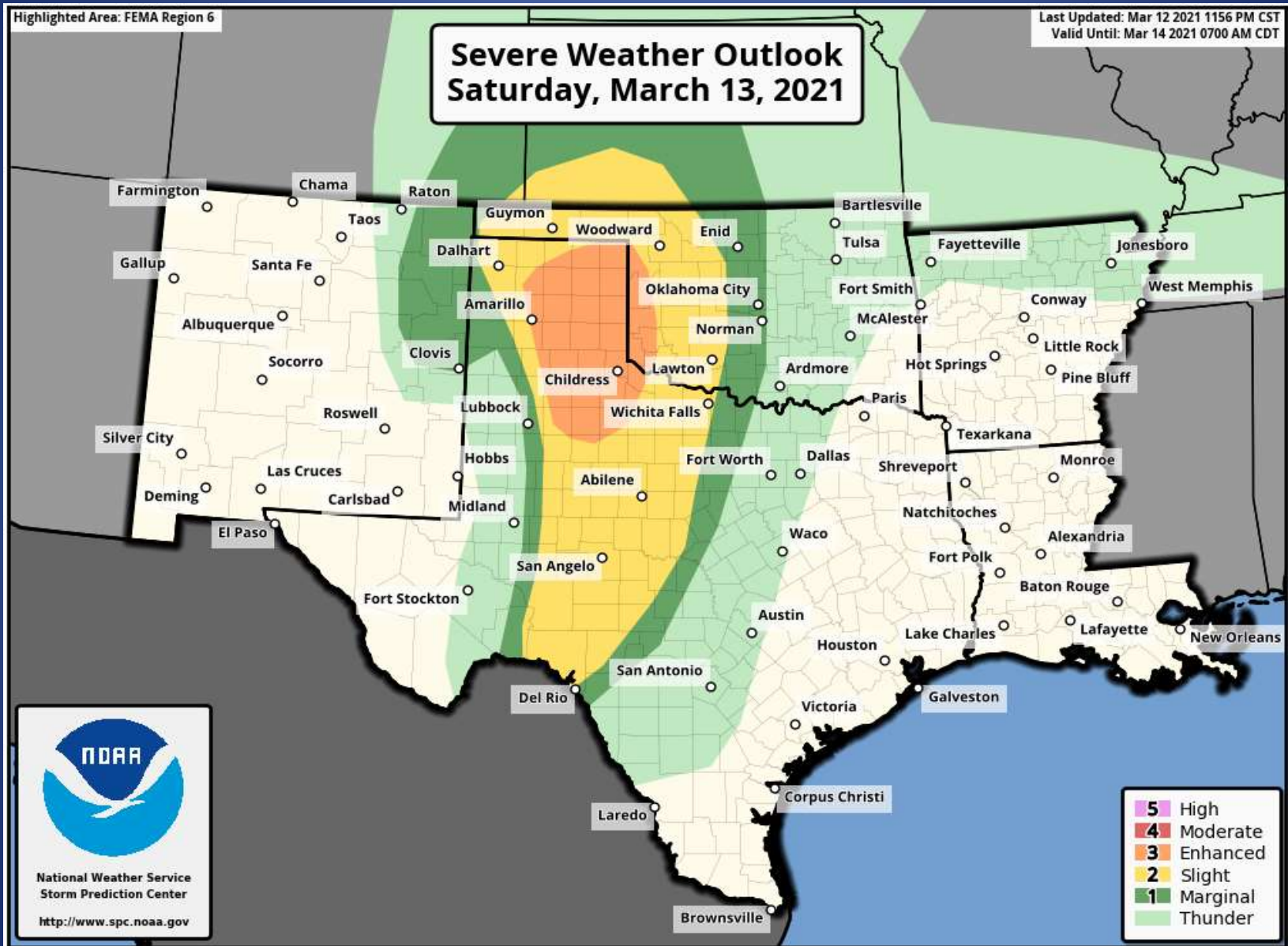
11z issuance

Graphic created-Mar 13 7:21AM EST



Gusts

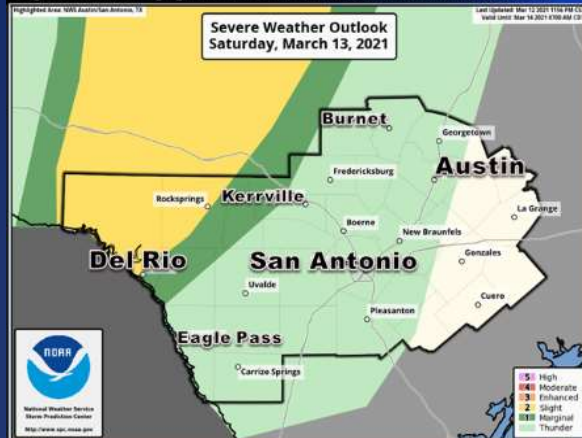
Hazardous Weather



Hazardous Weather

Strong to Severe Storms Possible Saturday Night

Large Hail and Damaging Winds Possible across Rio Grande/Edwards Plateau



What:

- Isolated strong to severe storms
- Large hail, possibly in excess of 1" diameter
- Damaging Thunderstorm Winds

Where:

Greatest risk in Yellow shaded area across the Rio Grande

When:

6 PM Saturday – Midnight (12 AM) Sunday

Weather Forecast Office
Austin/San Antonio

Issued March 13, 2021 2:50 AM CT



South-Central Texas Threat Level: 1 of 5 to 2 of 5

General Thunder	1 Marginal (MRGL)	2 Slight (SLGT)
Severe storms are not expected	Severe storms will produce hail, damaging winds and/or possibly tornadoes	Severe storms will produce hail, damaging winds, and/or tornadoes
Any thunderstorms could still produce gusty winds and small hail	Isolated Severe Storms are Possible	Isolated to Scattered Severe Storms are Expected
Similar to storms your area may experience many times per year	Similar to storms your area may experience several times per year	Similar to storms your area may experience a few times per year

Threat Impact Levels:

	Min Threat	High Threat
Wind (60+ mph)		
Hail (>1")		
Tornadoes		
Flooding		

weather.gov/ewx

A Couple Strong Storms Possible West Tonight

Some showers stick around through Sunday morning

9pm - Midnight



A line of strong or severe storms with mainly a wind threat arrives from the west.

Midnight - 4am



Storms rapidly weaken as they move east. Some gusty winds still possible as activity approaches I-35.

4am - 8am



Front continues east with lingering scattered showers behind it.

8am - Noon (Sunday)



Activity exits the area to the east with gradually clearing skies.

Weather Forecast Office
Fort Worth, TX

Issued March 13, 2021 2:02 AM CT



weather.gov/fortworth

Strong to severe storms are possible Saturday night, mainly west of a Kerrville to Leakey to Spofford line. The primary hazards will be large hail and damaging wind.

A weakening line of thunderstorms will move into the area from the west tonight. These storms could initially be strong or severe west of Highway 281 with a threat for damaging winds, but they will quickly weaken as they move eastward. Showers and isolated storms may continue across much of North, Central, and East Texas as the front moves through early on Sunday morning before skies begin clearing out.

Hazardous Weather

Saturday Severe Thunderstorm Potential

Timing: Late afternoon/early evening through early morning Sunday

Weather Forecast Office
Norman, OK
Issued Mar 13, 2021 6:34 AM CST



f t NWSNorman

weather.gov/norman

Tornado Potential Saturday

Timing: 6 PM to 10 PM

Weather Forecast Office
Norman, OK
Issued Mar 13, 2021 6:37 AM CST



f t NWSNorman

weather.gov/norman

Severe storms will be possible late this afternoon, into the late evening, with a few isolated severe storms after midnight. The greatest risk of severe weather will be in far western Oklahoma and adjacent parts of north Texas.

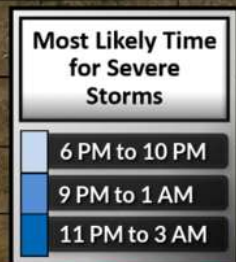
Strong tornadoes will be possible this evening, mainly in far southwest Oklahoma and adjacent parts of north Texas. A lower tornado risk will extend east into parts of central Oklahoma and western north Texas through late evening.

Hazardous Weather

Severe Timing Saturday

Severe storms are most likely during the times shown

Weather Forecast Office
Norman, OK
Issued Mar 13, 2021 1:22 AM CST



NWSNorman

weather.gov/norman

Flood Potential | Saturday

Weather Forecast Office
Norman, OK
Issued Mar 13, 2021 3:10 AM CST



NWSNorman

weather.gov/norman

Severe storms are expected to move east from the Texas Panhandle into far western Oklahoma and western north Texas around 6 pm, then advance toward the east, with a general weakening trend starting in the late evening.

Heavy rain today may result in flooding. The most likely area for flooding will remain in northwestern Oklahoma.

Hazardous Weather

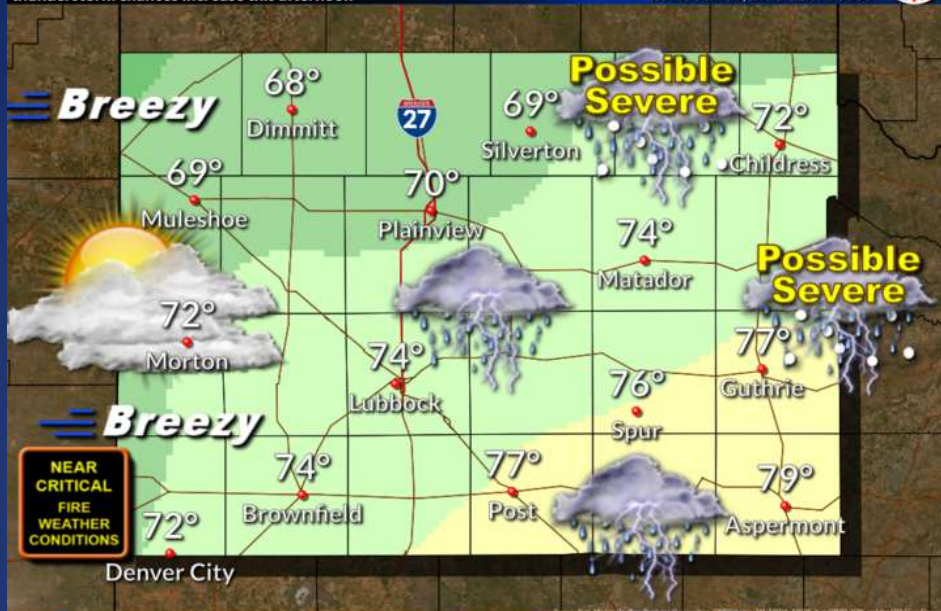
Today

thunderstorm chances increase this afternoon

Weather Forecast Office

Lubbock, TX

Issued Mar 13, 2021 4:24 AM CST



NWSLubbock

weather.gov/lub

Thunderstorm chances will increase this afternoon as a dryline moves through the area for locations along and east of the I-27/US-87 corridor. Farther west behind the dryline, skies will gradually clear through the day as drier air moves into the region. This dry air in combination with strong westerly winds will lead to near critical fire weather conditions this afternoon.

Severe Weather Outlook

Severe Weather Chances for Saturday

Weather Forecast Office

Lubbock, TX

Issued Mar 13, 2021 6:46 AM CST



NWSLubbock

weather.gov/lub

Additional severe thunderstorms are expected late this afternoon into the evening favoring the Rolling Plains and extreme southeastern Texas Panhandle.

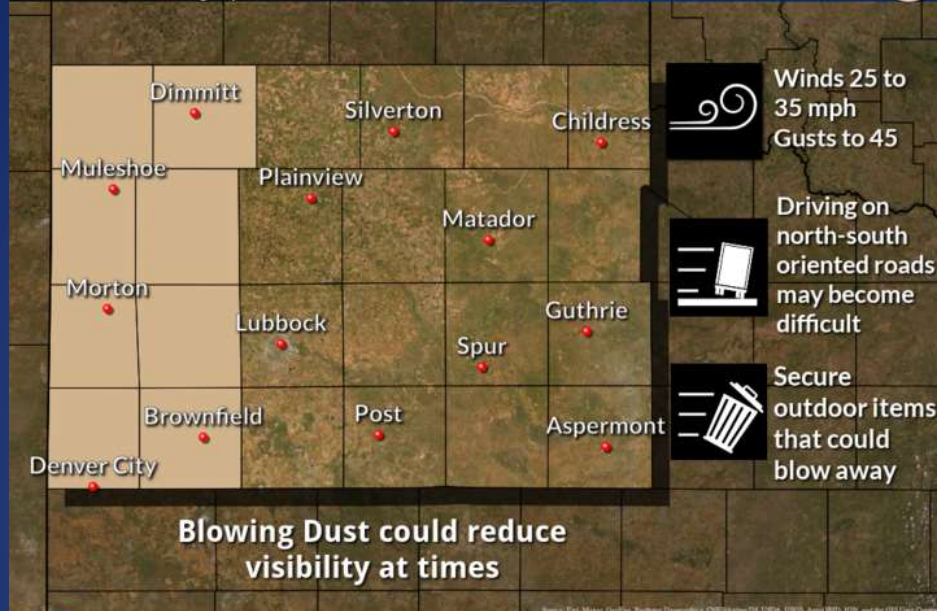
Hazardous Weather

Wind Advisory

In effect from Noon through 7 pm

Weather Forecast Office
Lubbock, TX

Issued Mar 13, 2021 3:46 AM CST



NWSLubbock

weather.gov/lub

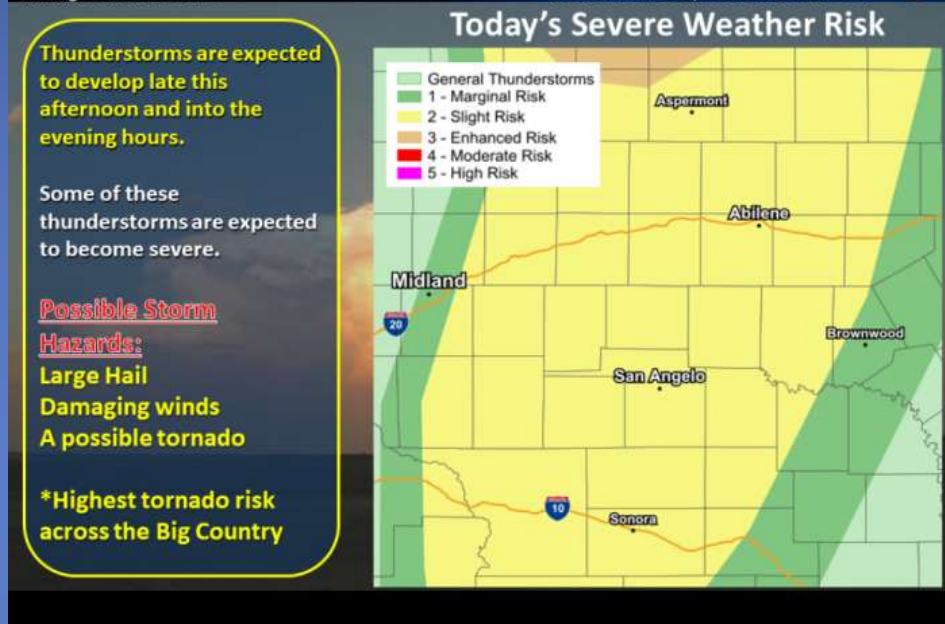
A wind advisory is in effect for the western South Plains and the extreme southwestern Texas Panhandle from noon through 7 pm this evening.

Severe Storms Late Today

Timing: 5 PM to 3 AM

Weather Forecast Office
San Angelo, TX

Issued: Mar 13, 2021 7:23 AM CST



Severe thunderstorms will be possible across much of the region this evening, with large hail, damaging winds and a tornado or two possible.

Hazardous Weather

Severe Storms 11 AM - 4 PM

Storm Motion Northeast at 45-55 mph

Weather Forecast Office
Amarillo, TX
Issued Mar 13, 2021 3:18 AM CST



IMPACT GUIDANCE

MAX HAIL SIZE (INCHES)

<1	1	1.5	2	2.5	3+
----	---	-----	---	-----	----

MAX WIND GUSTS (MPH)

<50	50	60	70	80	90+
-----	----	----	----	----	-----

TORNADO

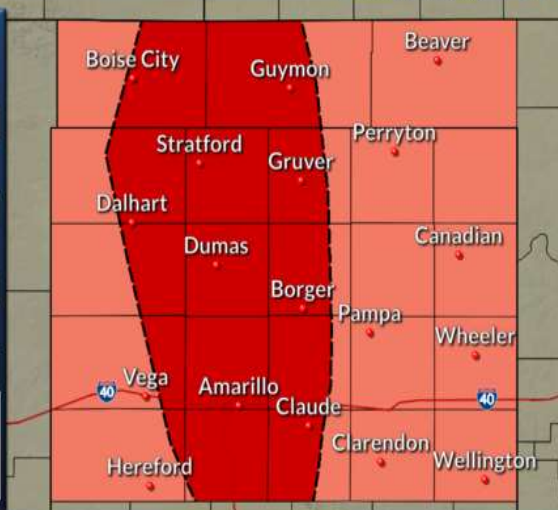
Not Likely	Possible	Likely
------------	----------	--------

FLASH FLOODING

Not Likely	Possible	Likely
------------	----------	--------

Legend: Severe Chances

Lower → Greater



Severe Storms 4 PM - 9 PM

Storm Motion Northeast at 40-50 mph

Weather Forecast Office
Amarillo, TX
Issued Mar 13, 2021 12:37 AM CST



IMPACT GUIDANCE

MAX HAIL SIZE (INCHES)

<1	1	1.5	2	2.5	3+
----	---	-----	---	-----	----

MAX WIND GUSTS (MPH)

<50	50	60	70	80	90+
-----	----	----	----	----	-----

TORNADO

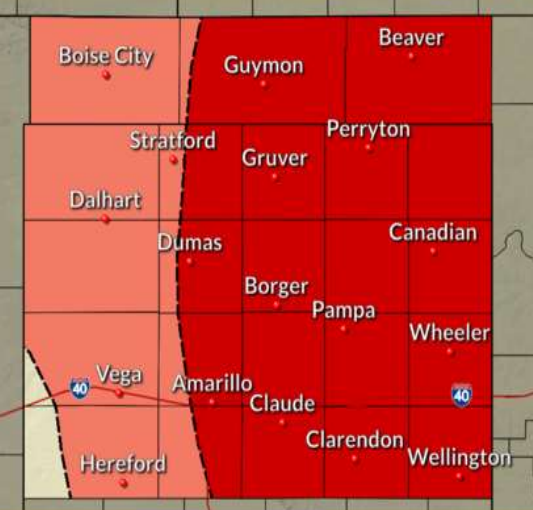
Not Likely	Possible	Likely
------------	----------	--------

FLASH FLOODING

Not Likely	Possible	Likely
------------	----------	--------

Legend: Severe Chances

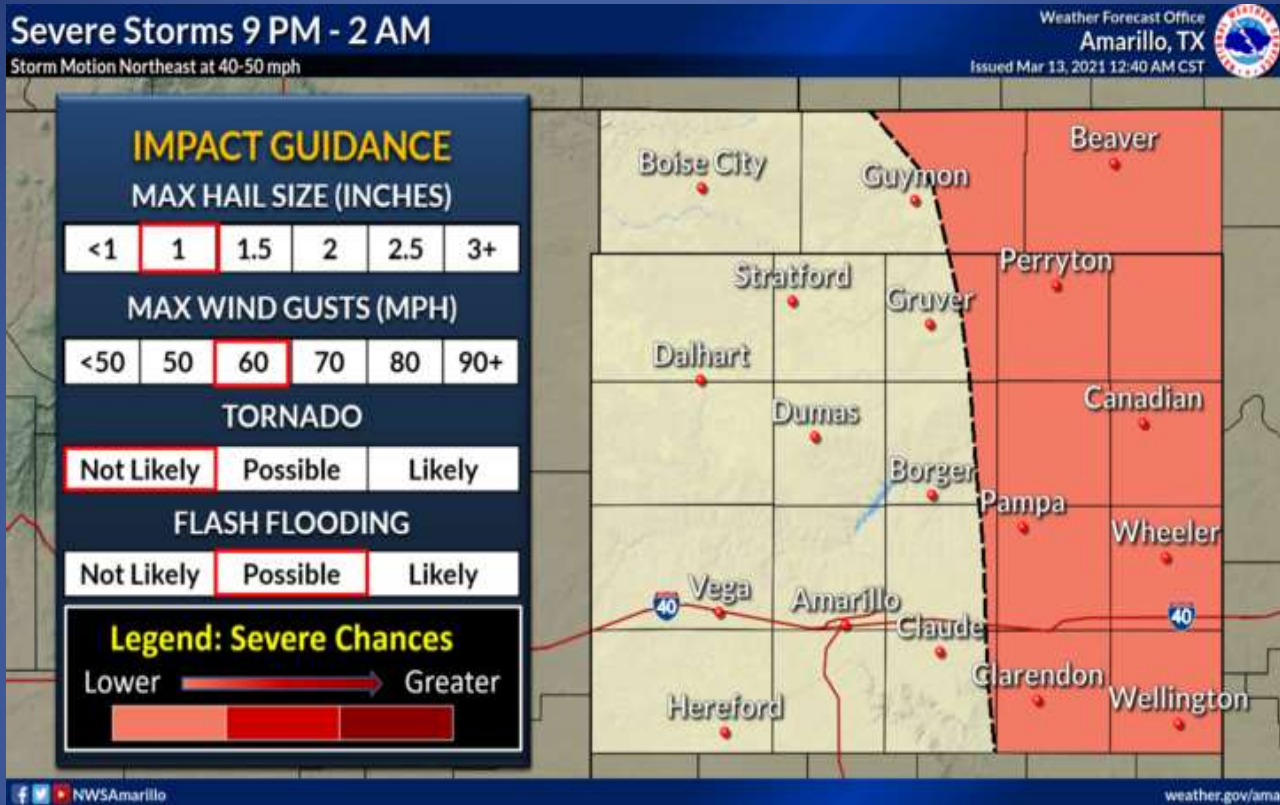
Lower → Greater



Strong to severe storms are possible between 11 AM to 4 PM today with large hail, damaging wind gusts along tornadoes possible. Storms will be moving quickly northeast at around 45 to 55 mph.

Strong to severe storms are possible today from 4 PM to 9 PM across the Panhandles with all hazards possible including up to 2" hail size, damaging wind gusts, and tornadoes cannot be ruled out.

Hazardous Weather

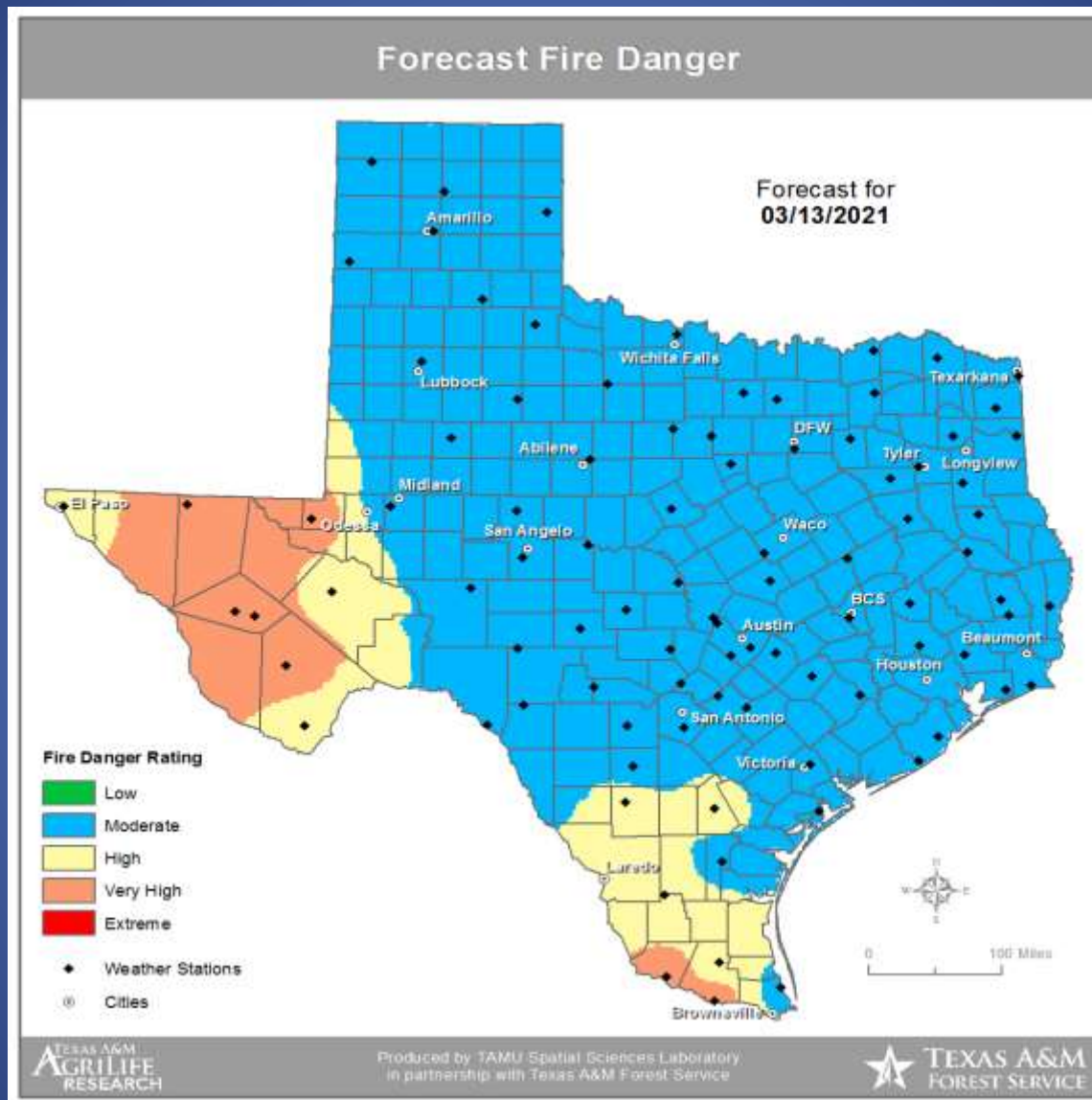


Storms will continue moving east out of the Panhandles between 9 PM and 2 AM Sunday morning. Tornadoes will become less likely after 9 PM and the hail and wind threats decrease with expectations of quarter size hail and up to 60 mph winds

Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
03/12/21	Tornado Warning	Cottle, Crosby, Dickens, Floyd, Hale, King, Lubbock, and Motley Counties
03/12/21	Severe Thunderstorm Warning	Carson, Cottle, Crosby, Dickens, Floyd, Foard, Garza, Gray, Hale, Hemphill, Hutchinson, King, Lubbock, Moore, Motley, Potter, Roberts, and Wheeler Counties
03/12/21	Tornado Watch	Armstrong, Collingsworth, Deaf Smith, Donley, and Randall Counties
03/12/21	Flood Advisory	Cottle and Lubbock Counties
03/13/21	High Wind Warning	Delaware and Guadalupe Mountains, Culberson County

Fire Danger Forecast



Burn Ban

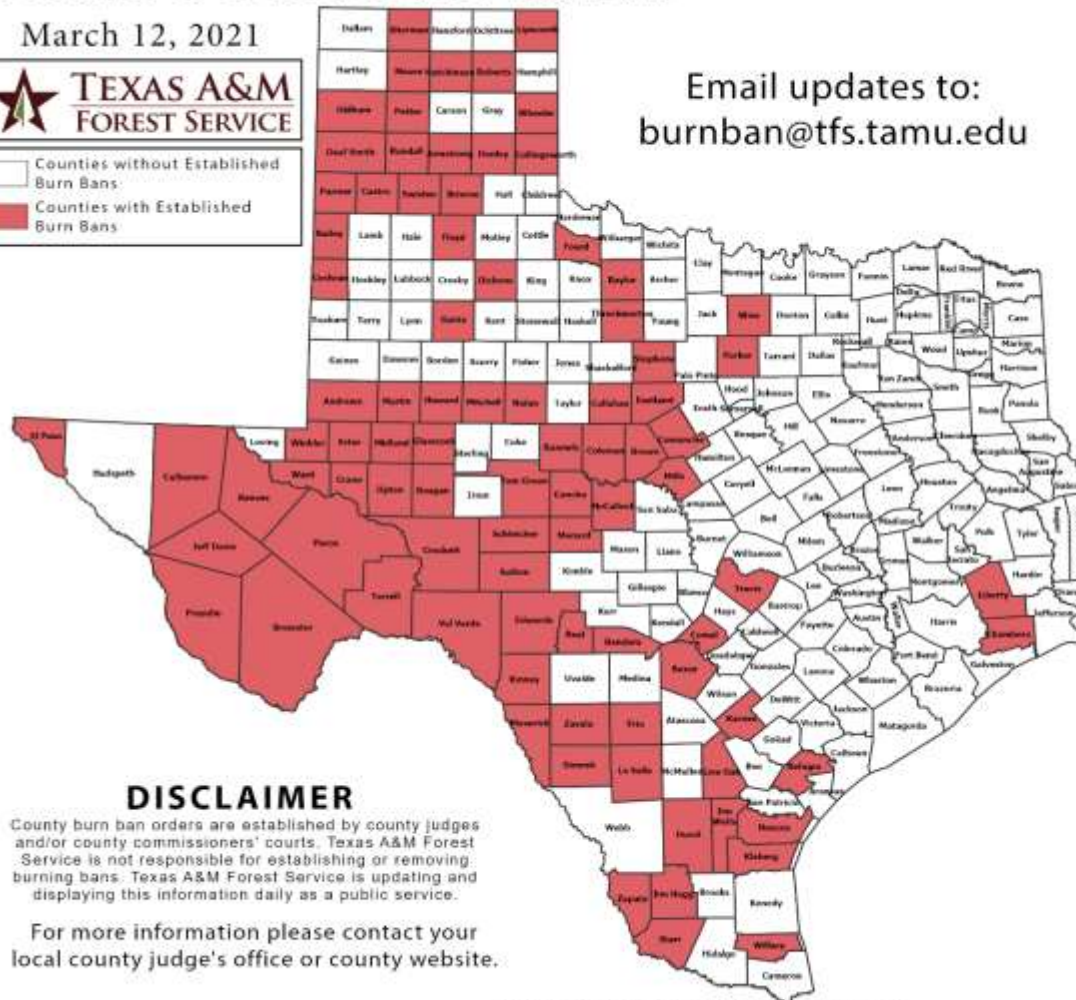
OUTDOOR BURN BANS

March 12, 2021



☐ Counties without Established Burn Bans
☒ Counties with Established Burn Bans

Email updates to:
burnban@tfs.tamu.edu



Counties with Burn Bans: 89

Andrews	Lipscomb
Armstrong	Live Oak
Bailey	McCulloch
Bandera	Martin
Baylor	Maverick
Bexar	Menard
Brewster	Midland
Briscoe	Mills
Brown	Mitchell
Callahan	Moore
Castro	Nolan
Chambers	Nueces
Cochran	Oldham
Coleman	Parker
Collingsworth	Parmer
Comal	Pecos
Comanche	Potter
Concho	Presidio
Crane	Randall
Crockett	Reagan
Culberson	Real
Deaf Smith	Reeves
Dickens	Refugio
Dimmit	Roberts
Donley	Runnels
Duval	Schleicher
Eastland	Sherman
Ector	Starr
Edwards	Stephens
El Paso	Sutton
Floyd	Swisher
Foard	Terrell
Frio	Throckmorton
Garza	Tom Green
Glasscock	Travis
Howard	Upton
Hutchinson	Val Verde
Jeff Davis	Ward
Jim Hogg	Wheeler
Jim Wells	Willacy
Karnes	Winkler
Kinney	Wise
Kleberg	Zapata
La Salle	Zavala
Liberty	

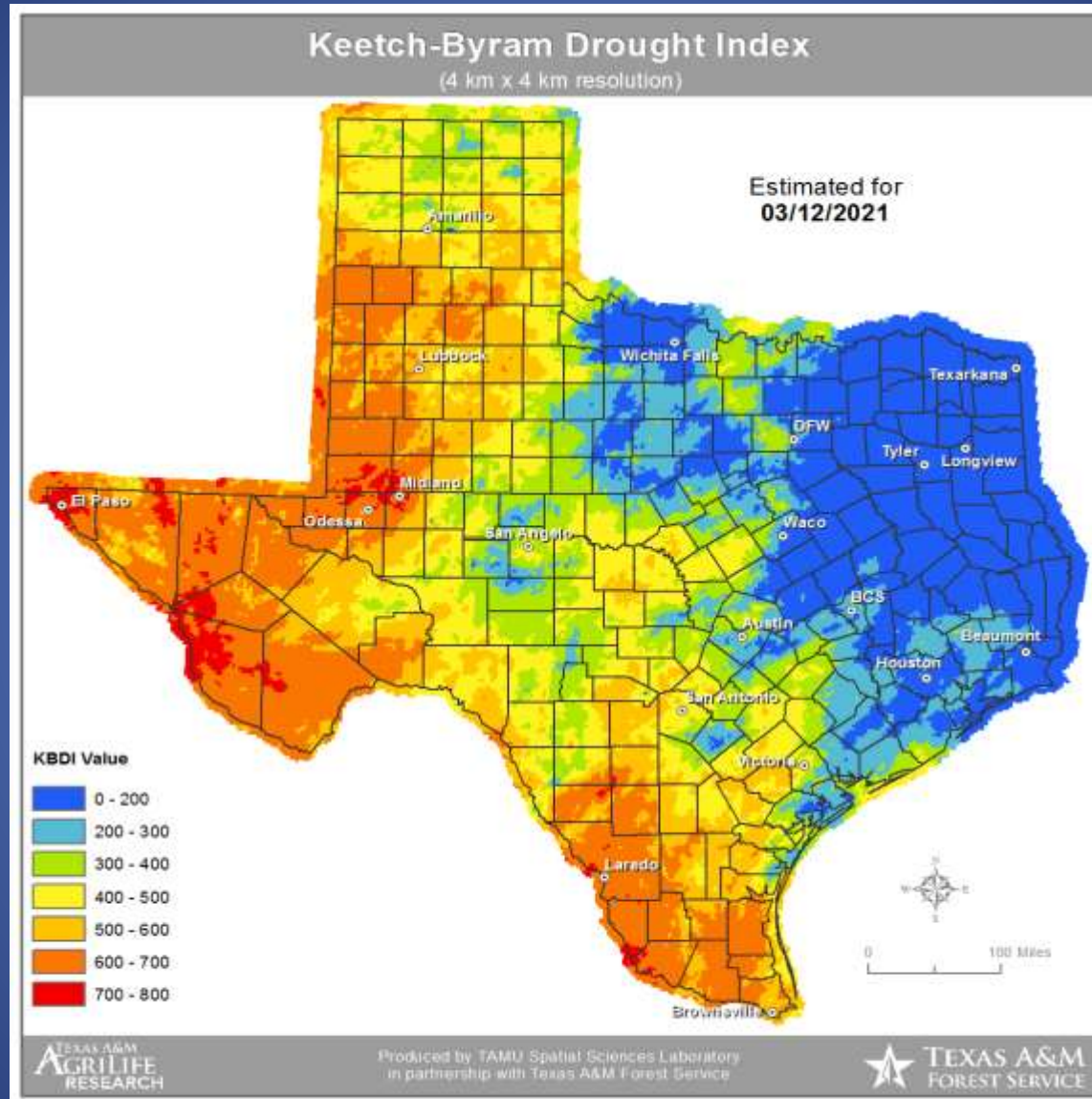
DISCLAIMER

County burn ban orders are established by county judges and/or county commissioners' courts. Texas A&M Forest Service is not responsible for establishing or removing burning bans. Texas A&M Forest Service is updating and displaying this information daily as a public service.

For more information please contact your local county judge's office or county website.

RED FLAG WARNINGS: www.weather.gov
 Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

Keetch-Byram Drought Index

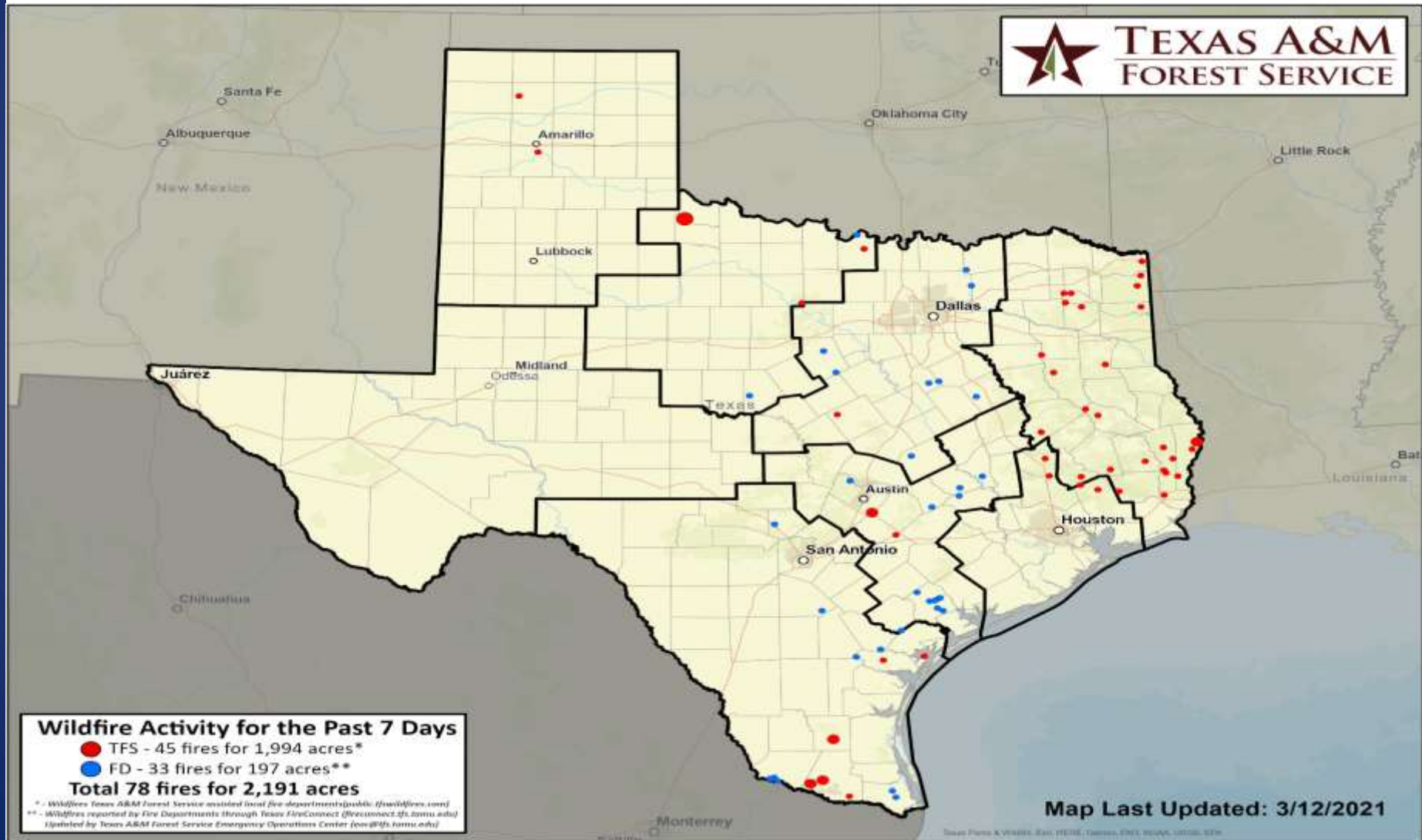


Fire Weather Warnings/Watches/Statements

DATE	WARNING TYPE	LOCATION
03/12/21	Red Flag Warning	Culberson, Jeff Davis, Loving, Presidio & Reeves Counties
03/13/21	Grassland Fire Danger Statement	Bailey, Castro, Cochran, Hockley, Lamb, Parmer, Terry & Yoakum Counties

Fire Activity (*Last 24 Hours)

Reports of 129 (+2) fires and 15,555 (+140) acres destroyed this year. There are 89 (-1) with burn bans. The Keetch - Byram Drought Index list 111 (+2) counties with an average over 400.



Training

/ DATES		TITLE	COURSE	LOCATION
10/31/20	03/13/21	Community Emergency Response Team (CERT) Course	G-317	La Grulla
03/06/21	03/20/21	Community Emergency Response Team (CERT) Course	G-317	Kyle
03/12/21	03/14/21	G-300 Intermediate Incident Command System for Expanding Incidents	G-300	Brenham

Statewide Significant Events

DATE(S)		LOCATION	EVENT
01/12/21	05/24/21	Austin	87th Texas Legislature
03/06/21	03/21/21	Houston	Spring Break at Hermann Park
03/12/21	03/20/21	Austin	South by Southwest (SXSW)
03/13/21	03/13/21	Grand Prairie	Shrimp Fest
03/13/21	03/13/21	Houston	St. Patrick's Day Parade
03/13/21	03/14/21	El Paso	Monster Jam Monster Truck Show